

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/275067, filed on March 12, 2001.

I believe I am an original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **M_gB₂ Superconductors** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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T00290 T45860

Descriptive statistics	
Sample size	100
Mean	1.00
Standard deviation	0.80
Minimum	0.00
Maximum	4.00
Skewness	0.00
Kurtosis	0.00
Shapiro-Wilk's test	0.99
Levene's test	0.99
Normality test	0.99
Reliability	0.99
Construct validity	0.99
Discriminant validity	0.99
Common method variance	0.99
Measurement model	0.99
Structural model	0.99
Model fit	0.99
Model comparison	0.99
Model modification	0.99
Model evaluation	0.99
Model interpretation	0.99
Model application	0.99
Model generalization	0.99
Model validation	0.99
Model replication	0.99
Model robustness	0.99
Model stability	0.99
Model consistency	0.99
Model reliability	0.99
Model validity	0.99
Model utility	0.99
Model impact	0.99
Model contribution	0.99
Model significance	0.99
Model importance	0.99
Model relevance	0.99
Model applicability	0.99
Model transferability	0.99
Model generalizability	0.99
Model replicability	0.99
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Model replicability	0.99

Please address all correspondence to the Docket Administrator (Rm. 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, New Jersey 07733. Telephone calls should be made to John F. McCabe by dialing 908-582-6866.

Date 6/20/200

Post Office Address: 74 Sunset Drive
Chatham, New Jersey, 07928

Full name of 2nd inventor: Namjung Hur

Inventor's signature *Namjung Hur* Date 6/20/2001

Residence: Piscataway, Middlesex County, New Jersey

Citizenship: Republic of Korea

Post Office Address: 889 Davidson Road
Piscataway, New Jersey 08854

08854-1-0600
T 00297 T 458860